



## SEQUENCE LISTING

<110> Haskell-Luevano, Carrie

<120> Novel Melanocortin Receptor Peptide Template for the Treatment of Obesity

<130> UF-375

<160> 43

<170> PatentIn version 3.3

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Pro Val

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 <221> MISC\_FEATURE  
 <222> (10)..(10)  
 <223> Xaa = diaminopropionic acid (Dpr)

<400> 42

Tyr Asp His Xaa Arg Xaa Asn Ala Phe Xaa Tyr  
 1 5 10

<210> 43  
 <211> 11  
 <212> PRT  
 <213> Artificial sequence

<220>  
 <223> chimeric peptide

<220>  
 <221> MISC\_FEATURE  
 <222> (2)..(10)  
 <223> Cyclization of this peptide

<220>  
 <221> MISC\_FEATURE  
 <222> (4)..(4)  
 <223> Xaa = DPhe

<220>  
 <221> MISC\_FEATURE  
 <222> (9)..(9)  
 <223> Xaa = DPhe

<220>  
 <221> MISC\_FEATURE  
 <222> (10)..(10)  
 <223> Xaa = diaminopropionic acid (Dpr)

<400> 43

Tyr	Asp	His	Xaa	Arg	Trp	Asn	Ala	Xaa	Xaa	Tyr
1				5					10	